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| 09/001,643      | 12/31/1997  | RUSS L. ALBERT       | 1431/USW0391        | 6919             |

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EXAMINER

HUYNH, CONG LAC T

|          |              |
|----------|--------------|
| ART UNIT | PAPER NUMBER |
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2178

DATE MAILED: 01/29/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/001,643

Applicant(s)

ALBERT ET AL.

Examiner

Cong-Lac Huynh

Art Unit

2178

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 04 November 2002.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

**DETAILED ACTION**

1. This action is responsive to communications: reconsideration filed on 11/4/02 to the application filed on 12/31/97.
2. Claims 1-12 are pending in the case. Claims 1 and 8 are independent claims.

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

5. Claims 1-4, 6-11 remain rejected under 35 U.S.C. 103(a) as being unpatentable over Anand et al. (US Pat No. 5,710,900, 1/20/98) in view of Walker et al. (US Pat No. 6,064,987, 5/16/00, filed 10/7/97).

Regarding independent claim 1, Anand discloses:

- a host site connected to at least one user computer terminal via an on-line interconnection, said host site comprising a database for storing the sale information and inventory information, and a processor terminal connected to the on-line interconnection for receiving a user report request and sending reports created in response to the received requests and additional on-line user input (col 1, lines 5-7, 54-67; col 2, lines 1-4; col 2, lines 14-25, 31-34, 39-41; col 9, lines 16-32; col 6, lines 43-67; col 7, lines 1-13, figures 6, 10-11)
- a view manager arranged to generate a set of function commands which can be selectively launched by user input to graphically display a list of available views each of which contains a report relating to particular user information stored in a database, create a new view and report, and edit a view and report (col 2, lines 14-25, 31-34, 39-41, figures 6, 10-11)

Anand does not disclose relating data maintained independently from the host site and input by a user with the user's billing and inventory data for displayed as part of a requested report.

Waller discloses relating data maintained independently from the host site and input by a user with the user's billing and inventory data for displayed as part of a requested report (figure 11, user inputs the PIN number for authorizing transaction before selecting

billing plan; figure 12, the statement as a report relates the PIN number to the customer name and account number, the input user for selecting payment, and the user's billing and inventory data as part of the report where the PIN is the data *maintained independently from the host site*). It was well known that the PIN (Personal Identification Number) is the data related to a person's account number used to recognize a person or a customer during the authorization process when that person enters his/her PIN number. In figure 4, #12 includes the controller processor and the databases for billings and transactions. Therefore, #12 represents for the host site that takes care the transaction billings of purchasers. The PIN database is not included in #12. Therefore, the PIN is the data *maintained independently* from the host site. It would have been obvious to one of ordinary skill in the art at the time of the invention was made to have combined Walker into Anand for easily generating an on-line report containing user billing and inventory information and for increasing convenience for users to access to billing on-line.

Regarding claim 2, which is dependent on claim 1, Anand discloses that the view editor is arranged to receive and implement user report editing instructions (col 2, lines 39-41; col 9, lines 33-57).

Regarding claim 3, the system of Anand and Walker disclose a graphical user interface for the user to interact with the system (Anand, figures 6-10; col 2, lines 2-14; Walker, figure 11).

Regarding claim 4, Anand discloses the aggregating method such as add, average, min, max, count to disclose the change in the Smart Report (col 17, lines 65-67; col 18, lines 1-50). Anand also discloses the drill down command (col 9, lines 16-32, col 10, lines 50-67).

Regarding claim 6, which is dependent on claim 1, the system of Anand discloses an Internet connection and web browser (col 2, lines 15-25, client and server system, col 4, lines 53-57, Reports in HTML format imply that the system is connected to the internet so that a web document can be sent over).

Regarding claim 7, which is dependent on claim 1, Anand discloses that the graphical interface comprises Java applets and an HTML page (col 9, lines 16-57).

Claims 8-11 are the method for generating an on-line report performed on the system of claims 1-4, therefore rejected under the same rationale.

6. Claims 5, 12 remain rejected under 35 U.S.C. 103(a) as being unpatentable over Anand in view of Walker as applied to claims 1 and 8 above, and further in view of Melchione et al. (US Pat No. 5,930,764, 7/27/99).

Regarding claim 5, which is dependent on claim 1, Anand and Walker do not disclose that the report filter is arranged to receive user define value for use as threshold value

to selectively control which database information will be included in a report. Melchione discloses the three-tier-hierarchy provides the “key” at each of the household, customer, and customer levels that satisfy user criteria for queries, views, and reports (col 16, lines 45-64). It would have been obvious to one of ordinary skill in the art at the time of the invention was made to have combined Melchione into Anand and Walker because Melchione provides the criteria as a threshold to select which data from the database to be included in the report.

Claim 12 is the method to be performed on the system of claim 5, and therefore rejected under the same rationale.

### ***Response to Arguments***

7. Applicant's arguments filed 11/4/02 have been fully considered but they are not persuasive.

Regarding independent claims 1 and 8, Applicants argue that Walker does not teach relating “data maintained independently from the host site and input by a user with the user's billing and inventory data for display as part of a requested report” **since** the Office Action states that figure 11 of Walker discloses the text instruction “ENTER YOUR PIN NUMBER TO AUTHORIZE TRANSACTION” and figure 12 of Walker discloses “the statement as a report relates the PIN number to the customer name and account number, the input user for selecting payment, and the user's billing and

inventory data as part of the report where the PIN is the data maintained independently from the host site ..." **but** the PIN number is nowhere defined in Walker, and nowhere does Walker teach any use of the PIN (Remark, pages 2-3).

Examiner agrees.

However, it was well known that the *PIN (Personal Identification Number) is the data related to a person's account number used to recognize a person or a customer during the authorization process when that person enters his/her PIN number.*

Therefore, it is not necessary to define what the PIN is or to teach the use of the PIN number.

Applicants argue that Walker does not teach relating "data maintained independently from the host site and input by a user with the user's billing and inventory data for display as part of a requested report" since figures 3 and 4 of Walker as cited do not show all components of a host site, nor the PIN number data is not included in one of the pictured databases (Remark, page 2, last paragraph to page 3, 1<sup>st</sup> paragraph).

Examiner agrees.

In figure 4, #12 includes the controller processor and the databases for billings and transactions. Therefore, #12 represents for the host site that takes care the transaction billing of purchasers. The PIN database is not included in #12. Therefore, PIN data is maintained independently from the host site.



***Conclusion***

8. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Hentila al. (US Pat No. 6,044,259, 3/28/00, filed 5/9/97).

Shepley (US Pat No. 6,024,281, 2/15/00, filed 9/22/97).

Hunkins et al. (US Pat No. 6,141,663, 10/31/00, filed 3/18/94).

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cong-Lac Huynh whose telephone number is 703-305-0432. The examiner can normally be reached on Mon-Fri (8:30-6:00).

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Herndon can be reached on 703-308-5186. The fax phone numbers for the organization where this application or proceeding is assigned are 703-746-7239 for regular communications and 707-746-7238 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-9000.

clh  
January 25, 2003

  
HEATHER R. HERNDON  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100